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2 Port USB KVM Switch Kit with Audio and Cables
4 Port USB KVM Switch Kit with Audio and Cables



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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com Micro USB KVM Kit. This product allows you to access and control multiple USB-enabled computers and features an independent audio/MIC switching function that offers uninterrupted audio, even while connected to another computer. For PCs running Windows systems, this KVM switch provides an easy-to-use KVM Client application to facilitate switching operations such as PC selection and hotkey sequence programming, autoscanning, autoscan delay time programming and independent/simultaneous audio and PC switching.

Packaging Contents

- 1 x Micro USB KVM Switch
- 2 x 4 ft. (1.2m) USB + Video Data Cable
- 2 x 4 ft. (1.2m) Audio Cable (SV211KUSB only)
- 4 x 4 ft. (1.2m) Audio Cable (SV411KUSB only)
- 1 x Software CD
- 1 x Instruction Manual

System Requirements

- Console: USB keyboard (1), USB mouse (1), VGA Monitor (1), speakers (optional), microphone (optional)
- Controlled systems: USB keyboard and mouse support, VGA video out, speaker out (optional), microphone out (optional)

Installation

This section details how to install the optional Windows-based software, as well as how to make the necessary physical connections between your peripherals and the KVM switch. For best results, ensure that all of the computers to be controlled are located as close as possible to the KVM switch and console peripherals (monitor, keyboard, mouse), as this will reduce the length of cabling required and reduces the chance of interference.

Installing the KVM Client application

Please note: The KVM Software supports only the Windows operating system. When using other operating systems such as Linux, you can still use the keyboard hotkey ScrLK + ScrLK to switch PCs, however this hotkey is not available on non-PC platforms such as Mac OS, however an IBM keyboard can be used at the console to control Apple Mac computers. Please note: Hotkey support is not natively supported in Mac OS. If you are using a Mac OS, you must use the KVM buttons to switch between computers.

1. For each computer that will be connected to the KVM switch, please insert the companion CD ROM into your CD drive. The installation program USBKVMIn.exe should run automatically, however if it does not, please locate the file on the disk and double-click on the icon to launch the application:



2. After the installation has completed, you will see a KVM Switcher icon on the system tray of your Windows desktop. Right-click on the icon to launch the operation menu, and double-click to evoke the configuration box.

Connecting console components to the KVM Switch (SV211KUSB)

1. Place the KVM switch in close proximity to the keyboard, mouse and monitor you wish to use as the shared console controls.
2. Connect the monitor to the VGA port (Blue) located on the front panel of the switch.
3. Connect a USB keyboard to the USB Type A connector on the front panel of the switch, as shown in Figure 1-2 (page 3).
4. Connect a USB mouse to the USB Type A connector on the front panel of the switch, as shown in Figure 1-2 (page 3).
5. **Optional:** Connect speakers to the green 3.5mm phono connector located on the front panel of the switch, as shown in Figure 1-2 (page 3).
6. **Optional:** Connect a microphone to the pink 3.5mm phono connector located on the front panel of the switch, as shown in Figure 1-2 (page 3).

Connecting Computers to the KVM Switch (SV211KUSB)

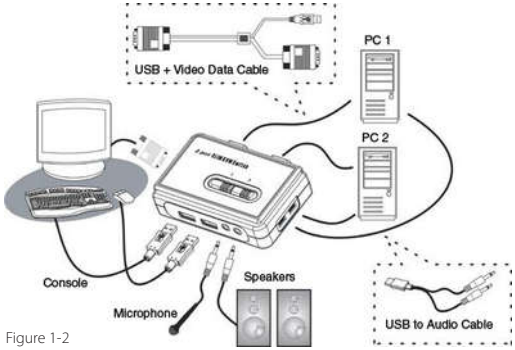


Figure 1-2

This section describes how to connect the computers you wish to control, to the KVM switch.

1. Remove any existing keyboards, mice, monitors, speakers, and microphones from the computer(s).
2. Using a USB + Video Data Cable, connect one end (blue) to the Video Out connector on Computer 1. (This will be the same connector from which you disconnected the monitor in step 1, if applicable.) Connect the opposite end to the VGA port on the back of the KVM Switch.
3. Plug the USB portion of the USB + Video Data Cable into an available USB port on Computer 1.
4. **Optional:** If you wish to use audio, connect the Speaker/Microphone combination cable to the MIC and Speaker out ports. Insert the opposite end of the cable (USB mini-B) into the port located on the side of the switch denoted as PC1.
5. Repeat the above process to connect any further computers.

Connecting console components to the KVM Switch (SV411KUSB)

1. Place the KVM switch in close proximity to the keyboard, mouse and monitor you wish to use as the shared console controls.
2. Connect the monitor to the VGA port (Blue) located on the front panel of the switch.
3. Connect a USB keyboard to the Type A USB Port located on the front panel of the switch. Please refer to Figure 1-3.

4. Connect a USB mouse to the Type A USB Port located on the front panel of the switch. Please refer to Figure 1-3.
5. Connect speakers to the green 3.5mm phono connector (optional), located on the front panel of the switch. Please refer to Figure 1-3.
6. Connect a microphone to the pink 3.5mm phono connector (optional) located on the front panel of the switch. Please refer to Figure 1-3.

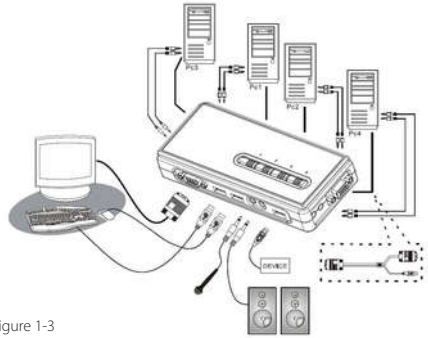


Figure 1-3

Connecting Computers to the KVM Switch (SV411KUSB)

This section describes how to connect the computer(s) you wish to control, to the KVM switch.

1. Remove any existing keyboards, mice, monitors, speakers, and microphones from the computer.
2. Using an HD-15 VGA+USB Cable, connect the VGA portion (15-pin) to the Video Out connector on computer 1. (This will be the same connector from which you disconnected the monitor in step 1, if applicable.) Connect the opposite end of the cable to one of the VGA/Data ports on the KVM Switch, (located on the side or rear panel of the switch) as shown in Figure 1-3.
3. Plug the USB portion of the USB + Video Data Cable into an available USB port on computer 1.
   Optional: If you wish to use audio, connect the Speaker/Microphone combination cable to the Mic and Speaker out ports on the computer. Insert the opposite ends of the cable(s) into the corresponding audio ports located next to the VGA/Data port used in step 2.
4. Repeat the above process to connect the remaining computers.

Using the KVM Switch

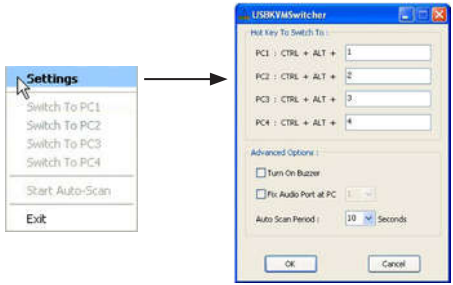
There are three methods of controlling your KVM Switch for PC and Audio/MIC channel selection:

1. **Using the face-panel buttons:** The face-panel button allows you to have direct control over KVM switching operation. Simply pressing the button will switch to the corresponding PC port and audio/MIC channel (if enabled). By default, PC port switching and audio/MIC port switching are bound together.
2. **Using a hotkey sequence :** These products features both User-definable Hotkeys for PC selection and a Universal Hotkey Sequence that can be used to switch connected PCs.

- **Universal Hotkey Sequence: ScrLk + ScrLk**
- **User-definable Hotkey:** Ctrl + Alt + [command key]. Please refer to KVM Switching software section, for keys that are eligible to be used as a command key.

3. **KVM Switching software:** To launch the operation menu, right-click on the KVM Switching icon located in the system tray.

   By selecting Settings, you will be able to customize the hotkeys to be used with the CTRL+ALT command (i.e. CTRL+ALT+1 = PC1, CTRL+ALT+2 = PC2), by entering the desired value into the editable text box. Please note: ALT, CTRL, SHIFT, CAPS, TAB, ESC, function keys (i.e. F1, F2) and edit keys cannot be selected as hotkeys.



   From within the KVM Switcher software, you also have the option to fix the audio/MIC channel to the selected PC. Once this option is check, the audio/MIC channel will be fixed and become non-switchable without re-configuration.

   Similarly, the Autoscan feature can also be customized, by selecting the desired Auto Scan Period from the drop down menu provided. The Autoscan period is the time your KVM Switch will wait to switch to the next PC.

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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